

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,054,507 B1
APPLICATION NO. : 09/466178
DATED : May 30, 2006
INVENTOR(S) : Andrew Pater Bradley et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 2

Figure 2, "colour" should read --color--.

SHEET 3

Figure 3, "colour" should read --color--.

COLUMN 2

Line 14, "B-sp line." should read --B-spline.--.

COLUMN 3

Line 23, "are" should read --is--.

COLUMN 8

Line 16, "(5)" should read --(3)--.

COLUMN 11

Line 27, "Where" should read --where--.

Line 65, "(0)." should read --(θ).--.

COLUMN 12

Line 51, "(IO)" should read --(I/O)--.

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COLUMN 17

Lines 1-5,
$$h(s_x, s_y)_{\pi/2 < \theta < \pi} = \frac{1}{\sqrt{2}} \left\{ h((2\theta/\pi - 1)s_x + (2\theta/\pi - 2)s_y)_{c=0.5} \cdot h(((2\theta/\pi - 2)s_x + (1 - 2\theta/\pi)s_y)w(\theta))_{c=0} \right\},$$

should read

$$-- h(s_x, s_y)_{0 \leq \theta \leq \pi/2} = \frac{1}{\sqrt{2}} \left\{ h((2\theta/\pi - 1)s_x + (2\theta/\pi - 2)s_y)_{c=0.5} \cdot h(((2\theta/\pi - 2)s_x + (1 - 2\theta/\pi)s_y)w(\theta))_{c=0} \right\}, --.$$

Line 27-37,
$$h(s) = \begin{cases} 1, & -d < |s| \leq d \\ 0, & (1-d) \geq s > (1-d) \\ 2 \left| \frac{s-d}{1-2d} \right|^3 - 3 \left| \frac{s-d}{1-2d} \right|^2 + 1, & \end{cases}$$
 should read

$$h(s) = \begin{cases} 1, & -d < s \leq d \\ 0, & (1-d) \geq s > (1-d) \\ 2 \left| \frac{s-d}{1-2d} \right|^3 - 3 \left| \frac{s-d}{1-2d} \right|^2 + 1, & \end{cases} --.$$

Line 45-47,
$$h(s_x, s_y)_{\theta=\pi/4} = \frac{1}{\sqrt{2}} \left\{ h\left(\frac{s_x + s_y}{2}\right)_{c=0.5} \cdot h\left(\frac{s_x - s_y}{\sqrt{2}}\right)_{c=0} \right\},$$

should read
$$-- h(s_x, s_y)_{\theta=\pi/4} = \frac{1}{\sqrt{2}} \left\{ h\left(\frac{s_x + s_y}{2}\right)_{c=0.5} \cdot h\left(\frac{s_x - s_y}{\sqrt{2}}\right)_{c=0} \right\} --.$$

Line 53, "and indicates" should read --and · indicates--.

Line 55, "method" should read --apparatus--.

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COLUMN 18

Line 56-65, " $h(s) = \begin{cases} 1, & -d < |s| \leq d \\ 0, & (1-d) \geq s > (1-d) \end{cases}$ " should read

$$\begin{cases} 1, & -d < s \leq d \\ 0, & (1-d) \geq s > (1-d) \\ 2 \frac{|s-d|^3}{|1-2d|} - 3 \frac{|s-d|^2}{|1-2d|} + 1, & \end{cases}$$

$$h(s) = \begin{cases} 1, & -d < s \leq d \\ 0, & (1-d) \geq s > (1-d) \\ 2 \frac{|s-d|^3}{|1-2d|} - 3 \frac{|s-d|^2}{|1-2d|} + 1, & \end{cases}$$

Signed and Sealed this

Twenty-eighth Day of November, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office